



Sheet 1 of 1

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)	ATTY. DOCKET NO. 1232-4544	SERIAL NO. 09/334,510
	APPLICANT Koichi ABE	
	FILING DATE June 21, 1999	GROUP ART UNIT 2853

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
S.E.		9-91241	4/4/97	Japan			X	
S.E.		9-39218	2/10/97	Japan (w/ English Abstract)				
S.E.		6-176114	6/24/94	Japan (w/ English Abstract)				
						TC		

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)**

		Japanese Office Action dated 7/19/99.

EXAMINER

DATE CONSIDERED

11/12/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.